

Case No. : <u>GTS20230628002-1-27</u>	
Ambient Condition: <u>23</u> °C, <u>53</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2024.1.18</u>	Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.160	5169.920	5190.080	---	---
		5200	20.160	5189.920	5210.080	---	---
		5240	20.040	5230.040	5250.080	---	---
11N20SISO	Ant1	5180	20.120	5170.040	5190.160	---	---
		5200	20.120	5189.920	5210.040	---	---
		5240	20.160	5229.920	5250.080	---	---
11N40SISO	Ant1	5190	40.400	5169.920	5210.320	---	---
		5230	40.400	5209.680	5250.080	---	---
11AC20SISO	Ant1	5180	20.080	5169.920	5190.000	---	---
		5200	20.120	5189.960	5210.080	---	---
		5240	20.160	5229.920	5250.080	---	---
11AC40SISO	Ant1	5190	40.480	5169.760	5210.240	---	---
		5230	40.400	5209.840	5250.240	---	---
11AC80SISO	Ant1	5210	81.600	5169.200	5250.800	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



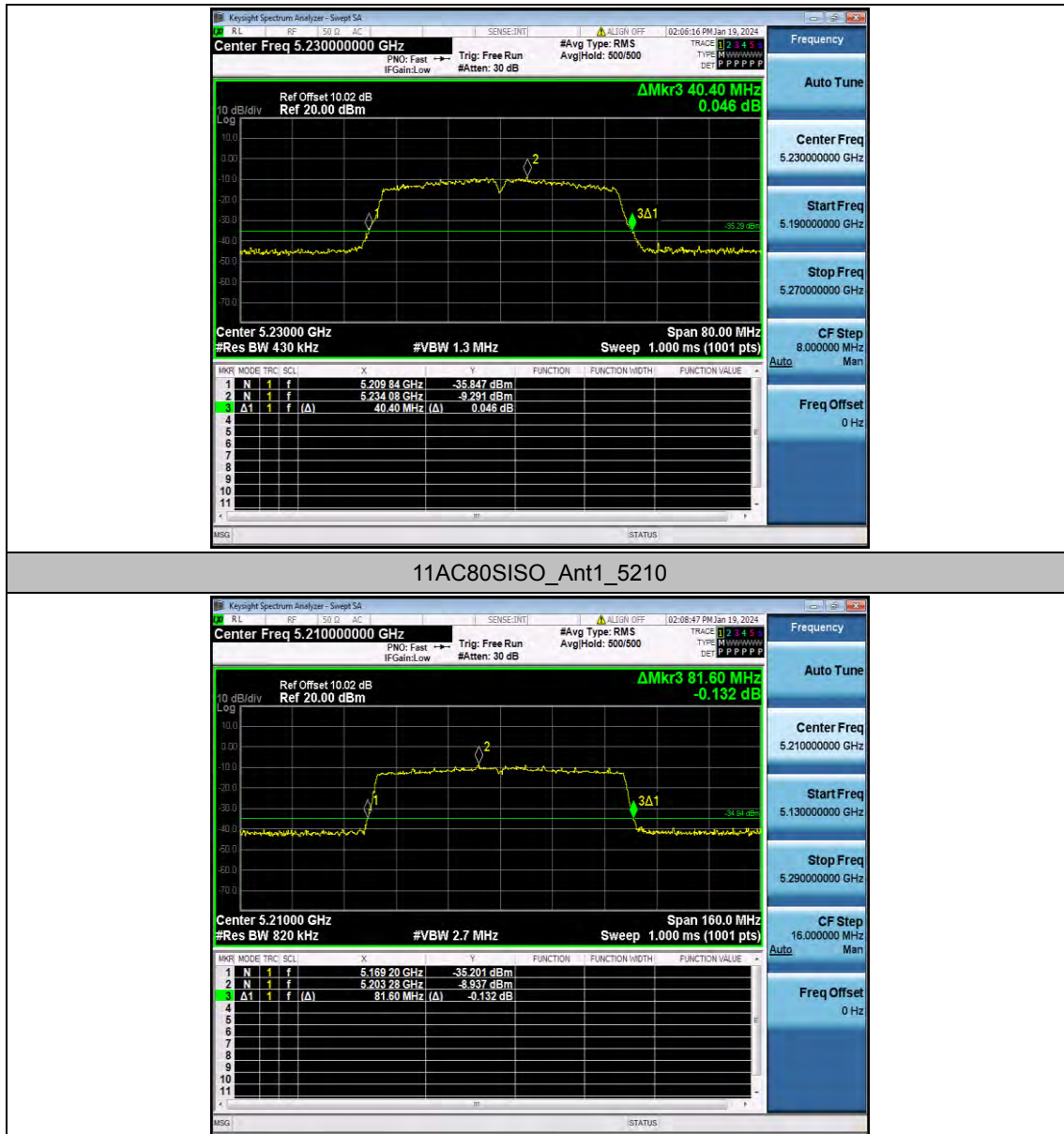
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

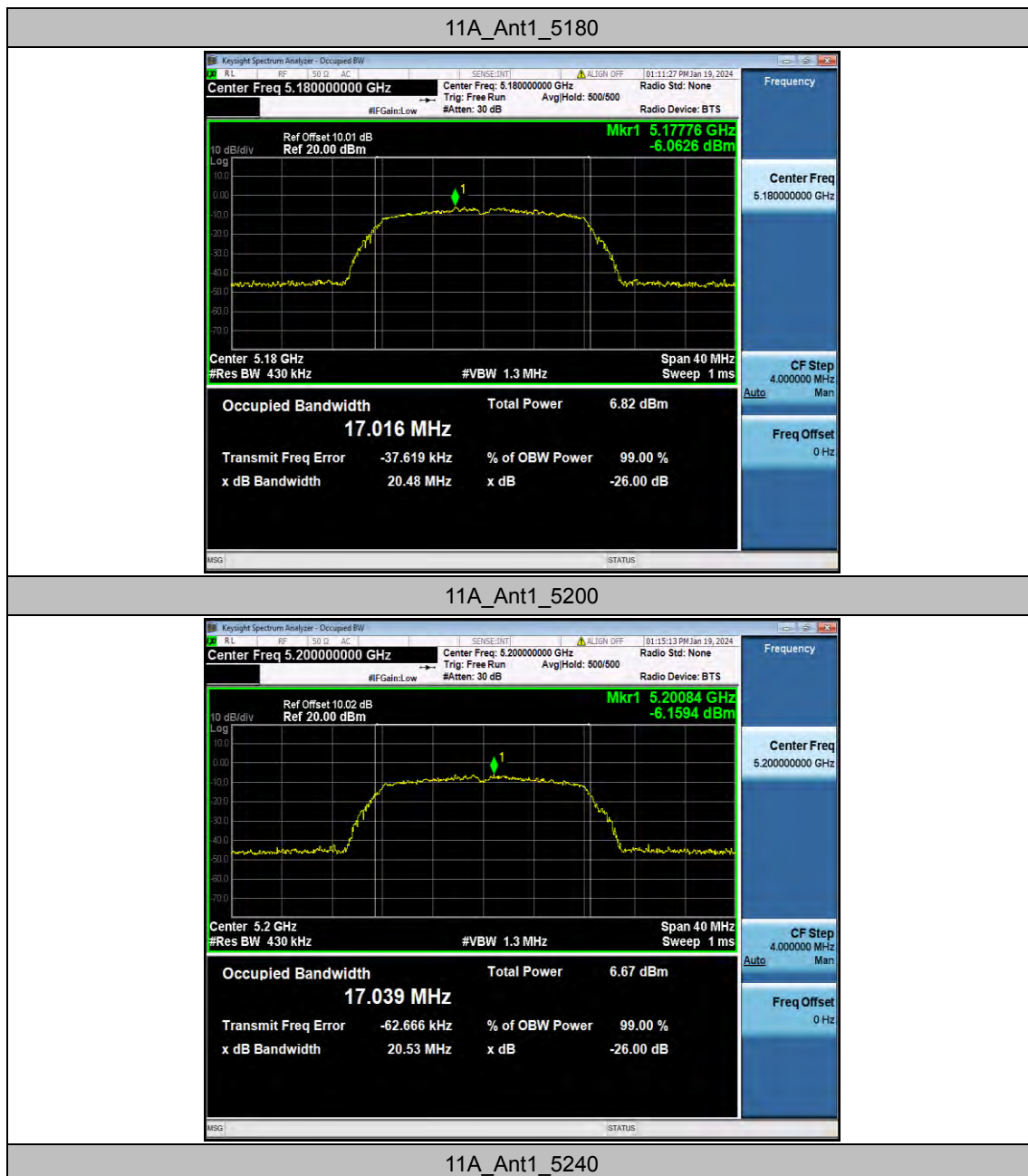


Appendix D.2: Occupied channel bandwidth

Test Result

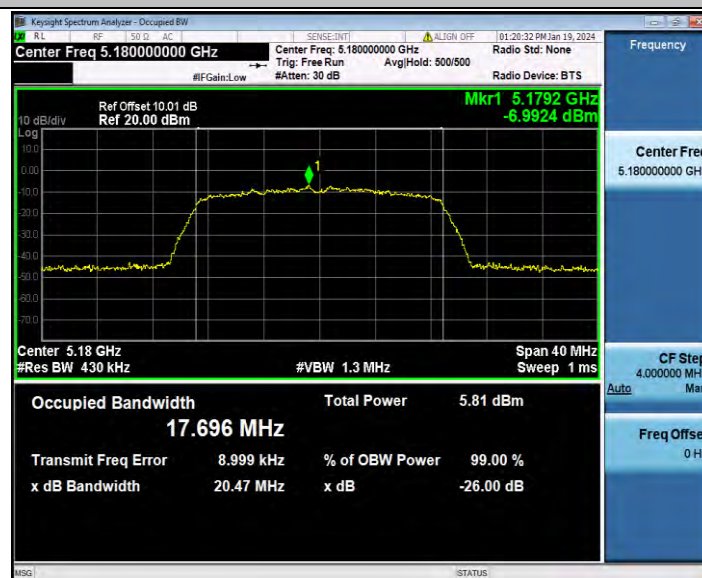
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.016	5171.4544	5188.4704	---	---
		5200	17.039	5191.4178	5208.4568	---	---
		5240	16.972	5231.4582	5248.4302	---	---
11N20SISO	Ant1	5180	17.696	5171.1610	5188.8570	---	---
		5200	17.666	5191.1746	5208.8406	---	---
		5240	17.690	5231.1412	5248.8312	---	---
11N40SISO	Ant1	5190	36.163	5172.0147	5208.1777	---	---
		5230	36.171	5211.9644	5248.1354	---	---
11AC20SISO	Ant1	5180	17.688	5171.1696	5188.8576	---	---
		5200	17.689	5191.1591	5208.8481	---	---
		5240	17.680	5231.1608	5248.8408	---	---
11AC40SISO	Ant1	5190	36.160	5172.0283	5208.1883	---	---
		5230	36.187	5211.9761	5248.1631	---	---
11AC80SISO	Ant1	5210	75.758	5172.1708	5247.9288	---	---

Test Graphs





11N20SISO_Ant1_5180



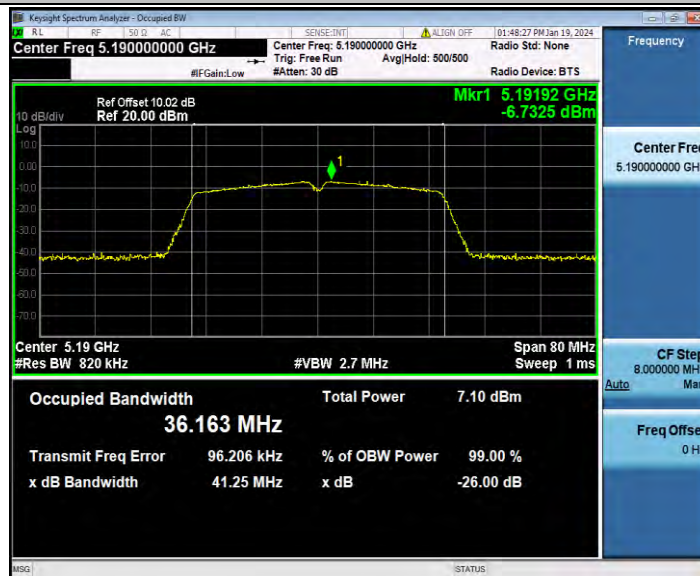
11N20SISO_Ant1_5200



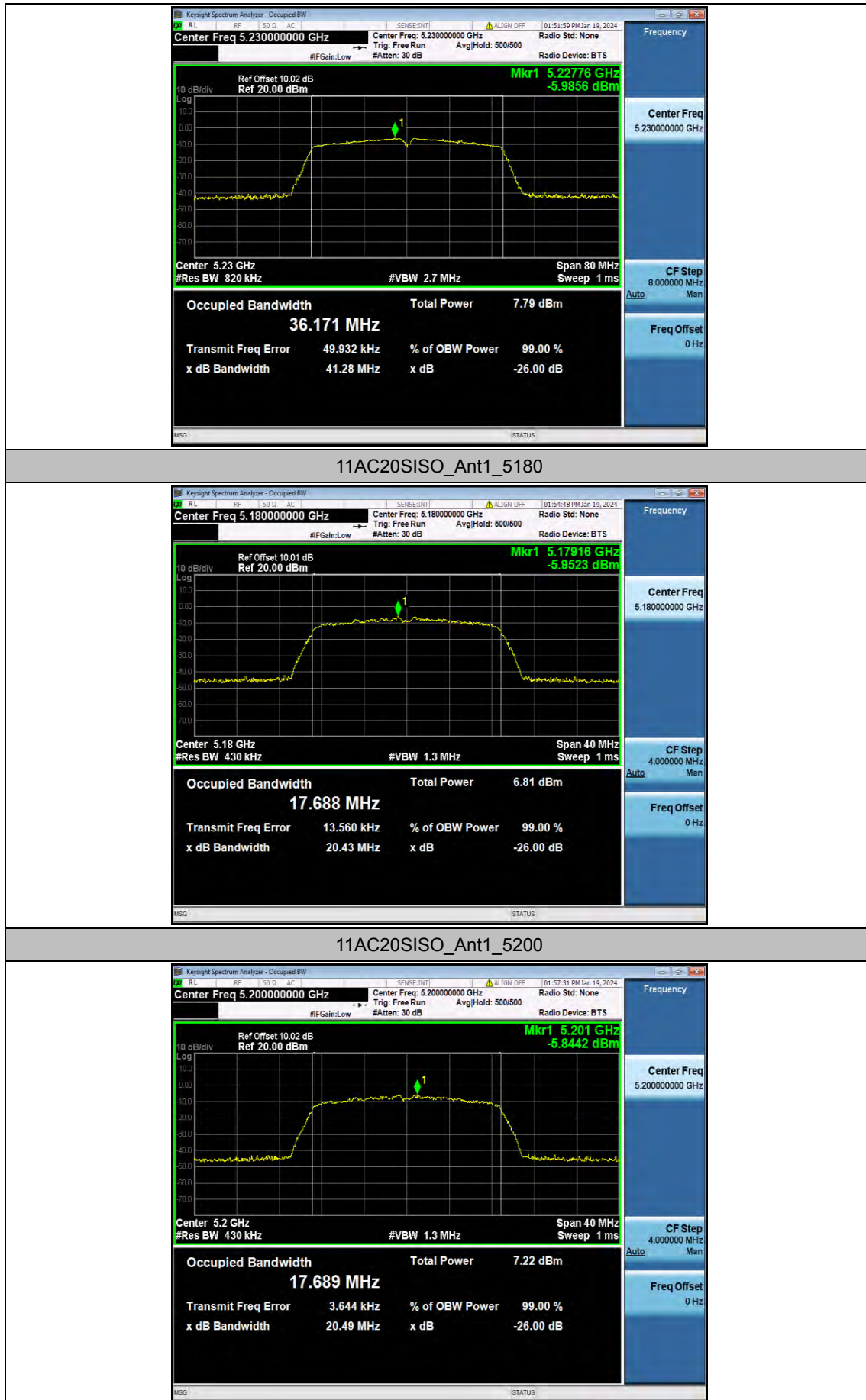
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



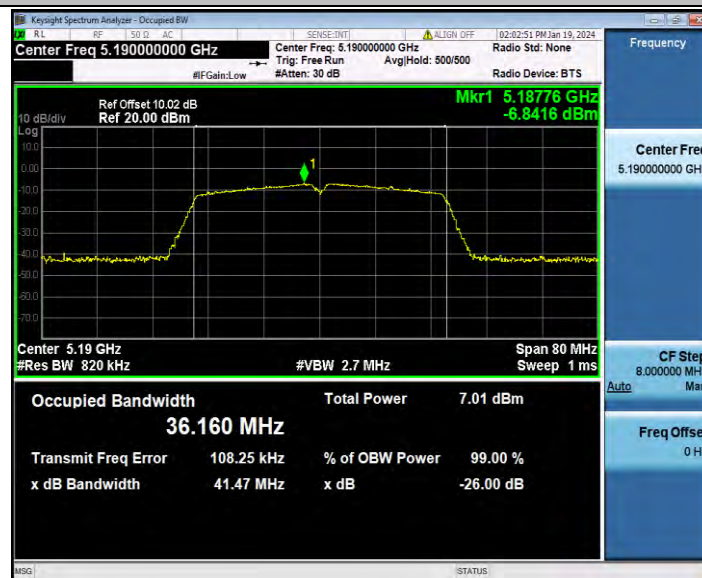
11N40SISO_Ant1_5230



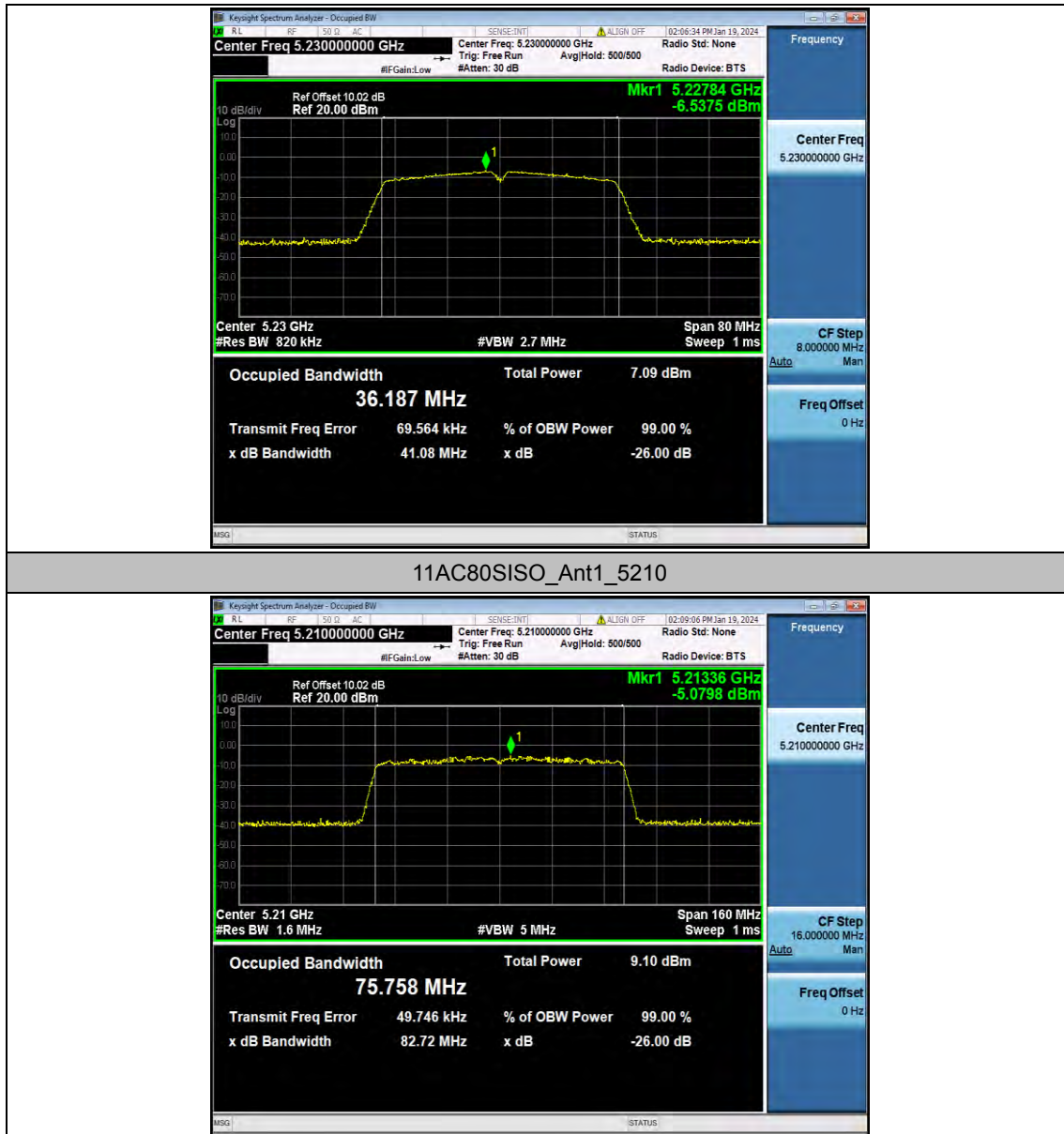
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



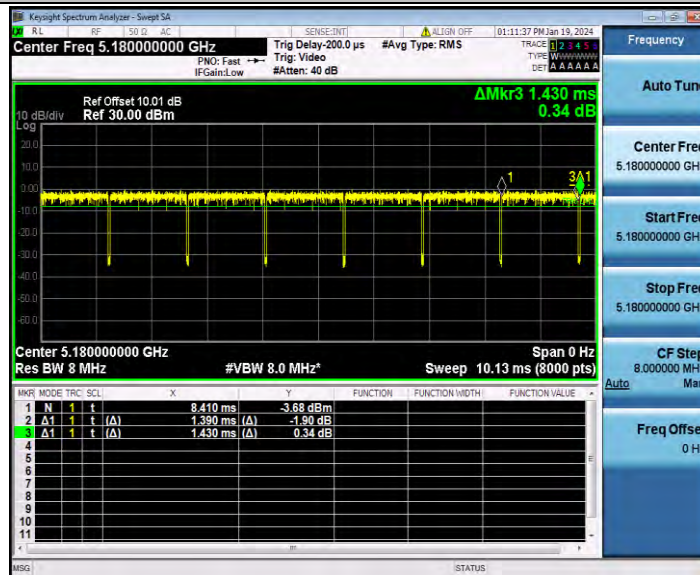
Appendix D.3: Duty Cycle

Test Result

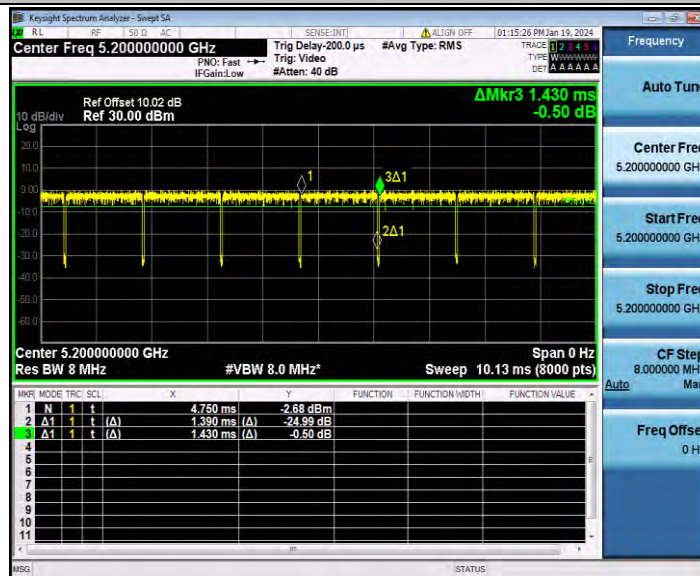
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	1.39	1.43	97.20	0.12	0.72
		5200	1.39	1.43	97.20	0.12	0.72
		5240	1.39	1.43	97.20	0.12	0.72
11N20SISO	Ant1	5180	1.30	1.34	97.01	0.13	0.77
		5200	1.30	1.34	97.01	0.13	0.77
		5240	1.30	1.34	97.01	0.13	0.77
11N40SISO	Ant1	5190	0.65	0.68	95.59	0.20	1.54
		5230	0.65	0.69	94.20	0.26	1.54
11AC20SISO	Ant1	5180	1.31	1.35	97.04	0.13	0.76
		5200	1.31	1.35	97.04	0.13	0.76
		5240	1.31	1.34	97.76	0.10	0.76
11AC40SISO	Ant1	5190	0.65	0.68	95.59	0.20	1.54
		5230	0.65	0.69	94.20	0.26	1.54
11AC80SISO	Ant1	5210	0.32	0.36	88.89	0.51	3.13

Test Graphs

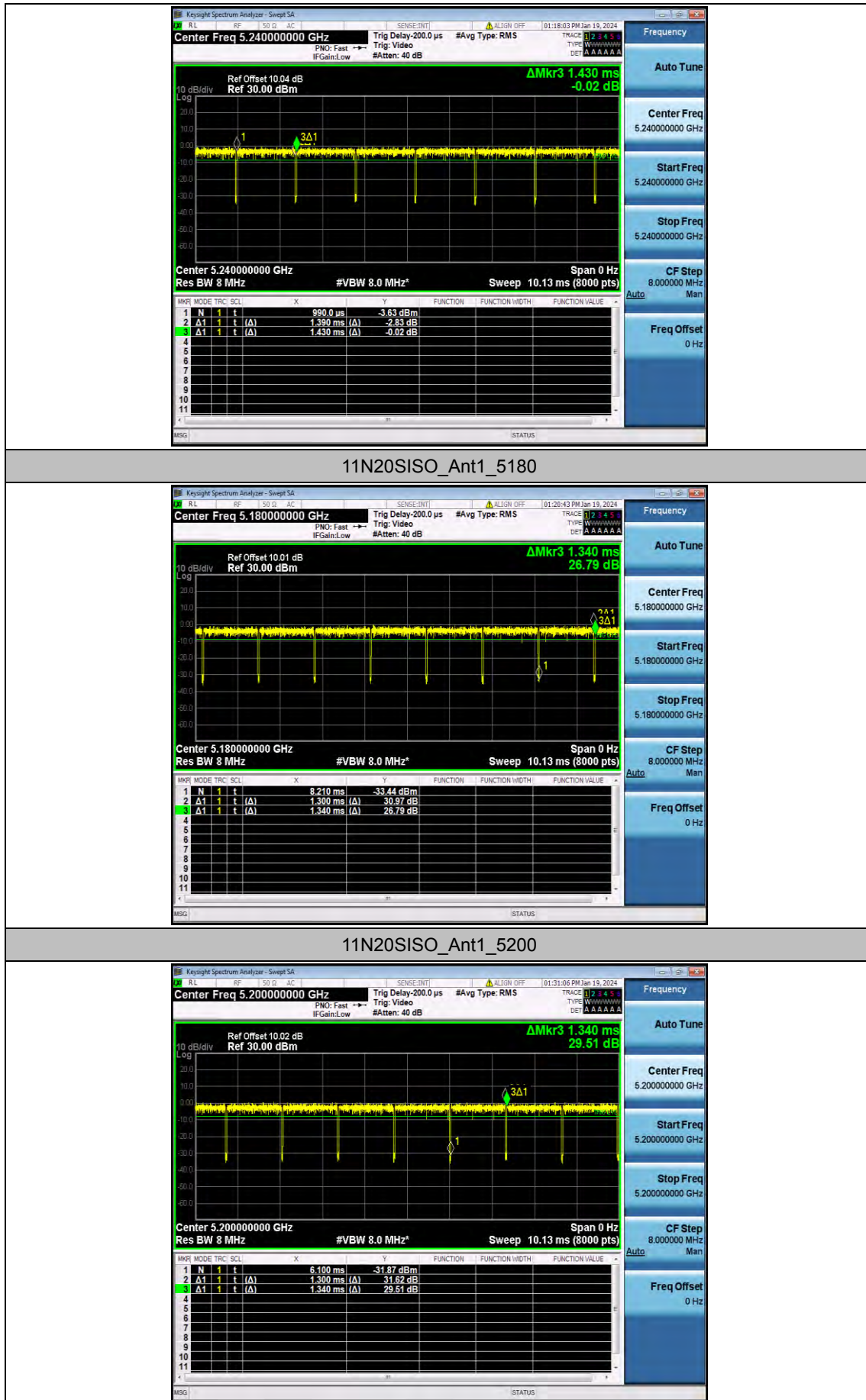
11A_Ant1_5180



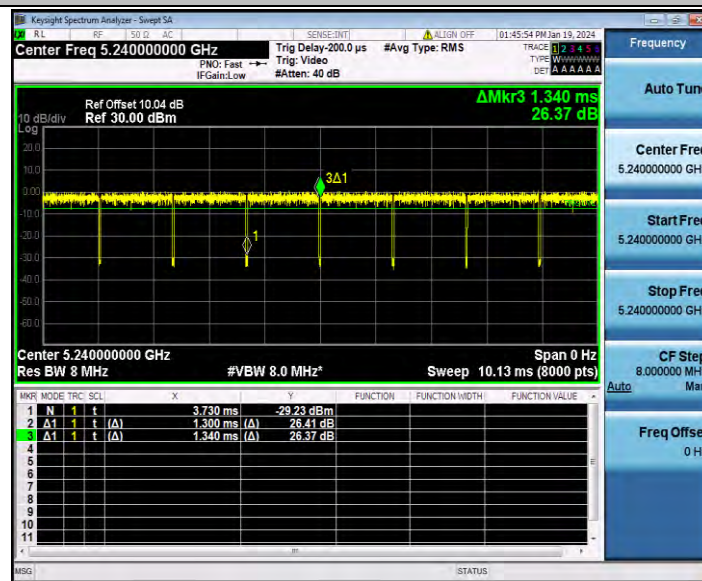
11A_Ant1_5200



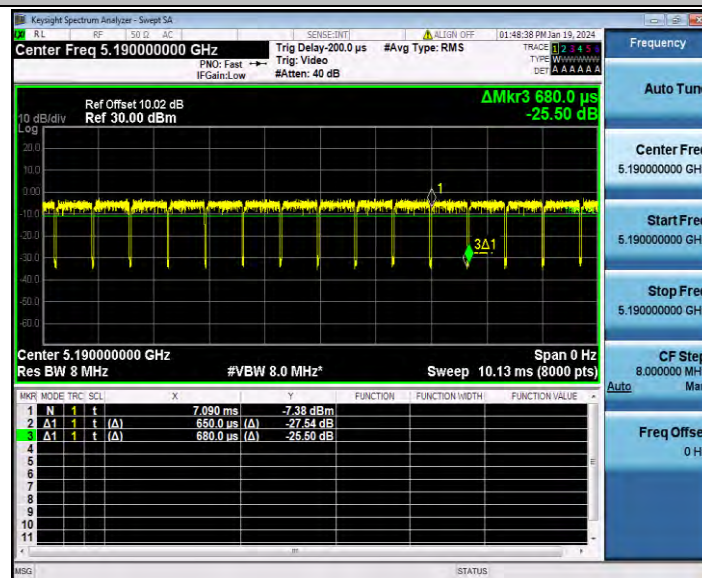
11A_Ant1_5240



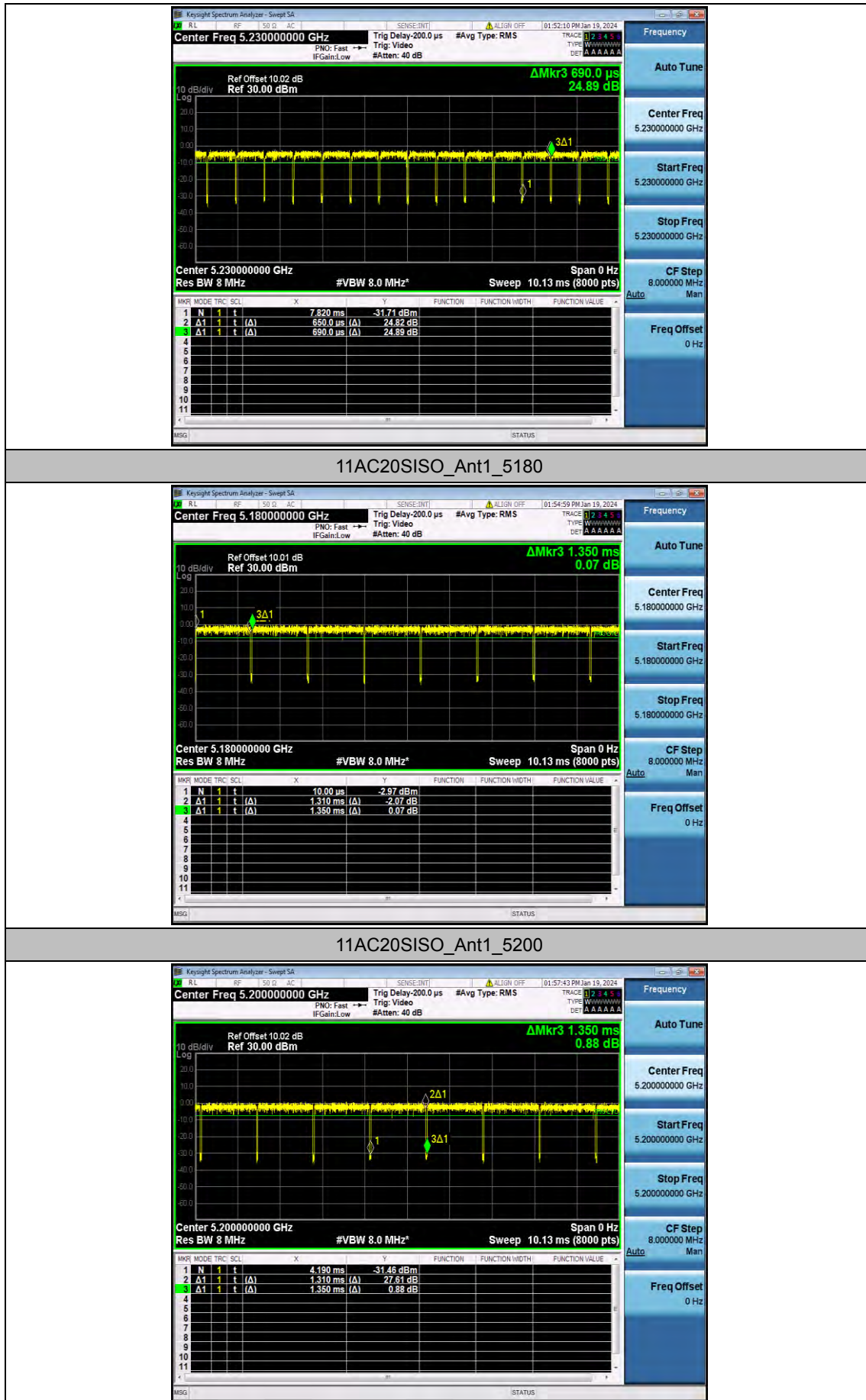
11N20SISO_Ant1_5240



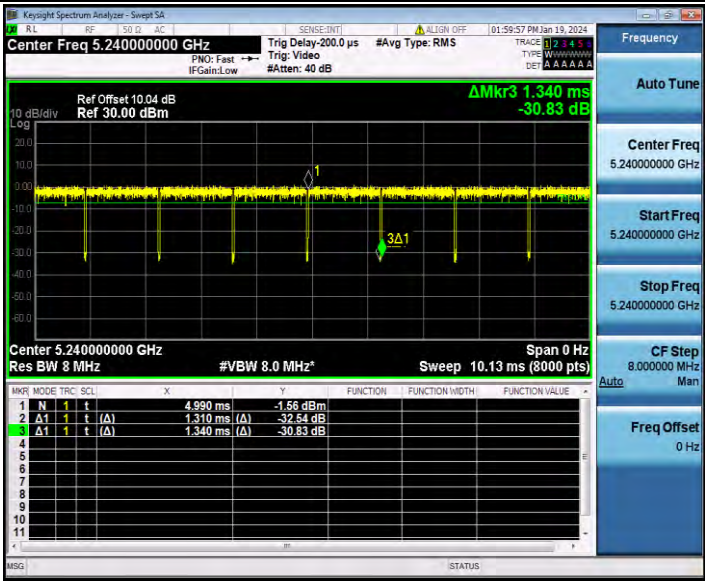
11N40SISO_Ant1_5190



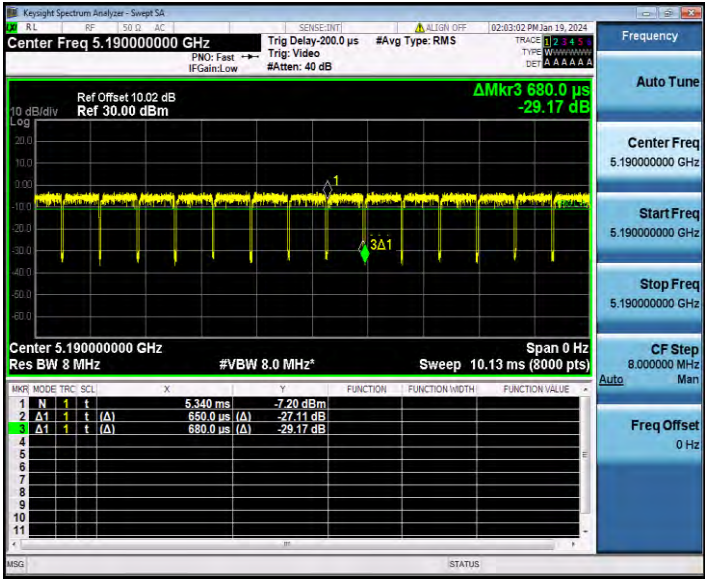
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

